

1270-257

7/1/2014

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

KyAnne Morris,
Advanced Compliance Specialist
Zep Inc.
1259 Seaboard Industrial Blvd NW
Atlanta, GA 30318

JUL 1 2014

SUBJECT: ZEP AIO
EPA Registration Number: 1270-257
Application Dated: April 29, 2014
Receipt Date: May 5, 2014

Dear Ms. Morris:

This letter acknowledges receipt of the amendment identified above submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended.

- CSF Update: Update basic formulation 04/29/14.
- Revised alternate formulation #1 04/29/14
- Revised alternate formulation #2 04/29/14
- Master Label with new fragrances description

Based on a review of the submitted Confidential Statements of Formula (CSF) for the basic and alternate formulations, dated 04/29/14, these amendments are acceptable. These CSFs will be made part of the record for this file. Based on a review of Master label all labeling changes are acceptable. Should you have any questions concerning this letter, please contact John Cowden at (703) 347-0259.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Miederhoff".

Eric Miederhoff
Acting PM33
Regulatory Management Branch I
Antimicrobials Division (7510P)

7510P:J.Cowden: 04/29/14: 1270-257 acceptable CSF

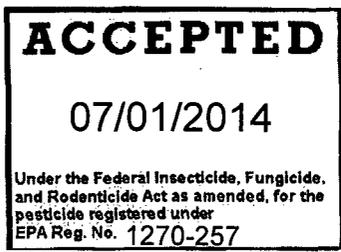
BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL

ZEP AIO™

[Zep AIO 2] [Zep Apriza] [Zep Apriza 2]
[Zep Lemongrass Sanitizer and Cleaner with Peroxide]
[Lemongrass Sanitizing Cleaner with Peroxide]

Note to Reviewer: Alternate Fragrance descriptions include: Citrus, Clean & Fresh, Lemon, Tropical, Mango, Fruity, and Green Apple. These fragrance descriptions are interchangeable where "Lemongrass" appears on this stamped label.

[Lemongrass Fragrance]
OXIDIZING MULTI PURPOSE CLEANER,
DEGREASER & SANITIZER (NON-FOOD CONTACT SURFACES)
& DEODORIZER FOR HARD NON-POROUS SURFACES



ACTIVE INGREDIENTS:

Hydrogen peroxide.....	7.50%
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	0.60%
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	0.60%
OTHER INGREDIENTS:	91.30%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN WARNING

See [left] [side] [right] [back] panel for Precautionary Statements and First Aid

Net Contents: 67.6 US FLUID OZ. (2 Liters) [1 gallon] [2.5, 5, 20, 55, 275 gallons]

{Back Panel}

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear safety glasses or other eye protection and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

FIRST AID

IF IN EYES: Hold eye open. Rinse slowly with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then, continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move victim to fresh air. If not breathing, call 911 or an ambulance, then, give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 877-541-2016 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

This product is toxic to fish.

{Note to Reviewer: The following paragraph will be used on containers 5 gallons and greater.}

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority, For guidance contact your State Water Board or Regional Office of the EPA.

For use in: Bathrooms, Shower and bath areas, Hotels, Motels, Institutional Kitchens, Office Buildings, Schools, Nurseries, Day care centers, Nursing Homes, Exercise facilities, Health clubs, Locker rooms, Waste Management facilities, Transportation terminals, Institutional facilities, Public facilities, Animal laboratories, Kennels, Veterinarian facilities.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product when used as directed as a sanitizer, kills 99.9% of the following in 5 minutes at room temperature (21°-23°C): *Campylobacter jejuni*, *Listeria monocytogenes*, *Staphylococcus aureus*, *Salmonella (choleraesuis) enterica*, *Klebsiella pneumoniae*, *Enterococcus faecalis*, *Escherichia coli*, Herpes Simplex Virus 2, and Influenza A.

To insure that all bacterial and viral agents are killed as stated, use 5 oz of product concentrate per gallon of water.

General Cleaning: Using the appropriate cleaning solution for the type of surface to be treated, thoroughly clean the surface, allow to air dry. If needed use additional solution. Replace solution daily.

Sanitizing: To use as a sanitizer on inanimate, hard non-porous surfaces, add 5 oz of product concentrate per gallon of water. Apply the solution liberally to pre-cleaned hard surfaces, with a spray bottle, cloth, sponge or mop. Allow surface to remain wet for 5 minutes, then, either allow to air dry or wipe dry to remove excess liquid.

Heavily soiled surfaces should be pre-cleaned with the same solution. Replace solution daily. To use as a sanitizer in bathrooms Add 5 oz of product concentrate per gallon of water for sinks, faucets, counters, urinals, toilets and all hard contact surfaces such as walls, stalls and floors where urine and soils buildup. Replace solution daily.

Deodorizing: For general deodorizing, use 1 part product to 128 parts water (1 oz/ gallon). Apply to hard, non-porous surfaces to eliminate generally offensive odors. For effective, high level, deodorizing, use 5 oz per gallon (1:25). Apply to hard non-porous surface thoroughly to eliminate odors due to spillage from post-colostomy, post-ileostomy dressing and bag change, and other spills such as urine or fecal matter: smoke or soot deposits, industrial plant processes mildew and mold, and surfaces in musty closets.

CLEANING SOLUTION – DILUTION & APPLICATIONS:

LIGHT DUTY (1/2 oz per gal (1:256))

- Streak free window, mirror and stainless steel cleaning
- General floor cleaner for mopping and auto scrubbers
- Bonnet cleaning solution for carpets
- Light wipe down cleaner

HEAVY DUTY (5 oz per gal (1:25))

- Bathroom, shower room, tile & grout cleaner
- Urine and garbage odor eliminator
- Pre-spray for carpet extraction
- General degreaser
- Heavy soil wipe down cleaner
- Heavy carpet spot remover
- Cleans mold & mildew

GENERAL PURPOSE (1 oz per gal (1:128))

- General wipe down cleaner
- Mopping solution for Bathroom and Kitchen floors
- General carpet spot remover

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE

Store in original container in areas inaccessible to children. Do not reuse empty container.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

(Note to reviewer: The following section will be used for containers with a one-way valve, a type of container that cannot be rinsed.)

Nonrefillable container. Do not reuse or refill this container. Replace cap and discard in trash. Offer for recycling, if available.

(Note to reviewer: The following section will be used for containers that can be rinsed.)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying.

(Containers equal to or less than 5 gallons)

Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(Containers greater than 5 gallons):

Triple rinse as follows: Fill container ¼ full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

EPA REG. NO. 1270-257

EPA EST. NO. 1270-GA-1 [(1) or 1270-TX-1 (2) or 40849-GA-1 (E)]

[Postscript is first letter or number of batch code number on container.]

Note: A batch code is required to appear on product container or label.

[Manufactured] [MADE IN USA] by:

Zep, Inc.

1310 Seaboard Ind. Blvd.

Atlanta, GA 30318

[CLEAN ACROSS AMERICA AND THROUGHOUT THE WORLD™]

[www.zep.com]

[Company Logo]

(Note to reviewer: Language in [] is optional or interchangeable)

Secondary Container Label for diluted product:

Zep A.I.O. WORKING SOLUTION

(Note to Reviewer: Optional marketing claims from Master Label may be added, space permitting.)

ACTIVE INGREDIENTS:

Hydrogen peroxide	7.50%
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) Dimethyl Benzyl Ammonium Chloride	0.60%
n-Alkyl (68% C12, 32% C14) Dimethyl Ethylbenzyl Ammonium Chloride	0.60%

OTHER INGREDIENTS:	91.30%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional precautionary statements.

(Note to Reviewer: The following cleaning sites may be alternatively represented by pictograms. The dilution rate is to be filled in by the end user, where it will indicate diluted product and intended use.)

	General Wipe Down	Bathroom	Window	Mop, bucket and floor
Dilution Rate:				

{Side or Back Panel}

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. KEEP OUT OF REACH OF CHILDREN. Causes substantial but temporary eye injury. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear safety glasses or other eye protection and rubber gloves when handling. Remove and wash contaminated clothing before reuse.

[Refer to the pesticide product label for additional Precautionary Statements, First Aid and Storage & Disposal information.] [Before using this product, please read entire label on original package.]

The product in this container is diluted as directed on the pesticide product label.
Follow the directions for use on the pesticide label when applying this product.

EPA Reg. No. 1270-257

Zep, Inc.
1310 Seaboard Ind. Blvd.
Atlanta, GA 30318